

National Climatic Data Center

DATA DOCUMENTATION

FOR

DATA SET 3101 (DSI-3101)

Summary Climatological Data (SCD)

November 21, 2002

National Climatic Data Center  
151 Patton Ave.  
Asheville, NC 28801-5001 USA

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1. **Abstract:** The Summary Climatological Data (SCD) (DSI-3101) is taken from the NWS NOAAPort (**NOAAPORT** is the name given to the satellite broadcast service used to provide effective, economical access to NOAA's real-time environmental data and products in conjunction with the NWS modernization restructuring), parsed, and formatted as described in this documentation. Information contained in DSI-3101 includes: 24hr Max Temp, 24hr Min Temp, 24hr Precip, Cloud Cover & Type, Duration of Sunshine, Depth of New Snow, Depth of Snow on Ground, Water Equiv of Snow on Ground, Tide data, and Present Weather. DSI-3101 is used as one source for the **Surface Climate Information Archive and Dissemination System** (SCIADS) ingest system. Standard text files with a 97 character record length in date & time (yyyymmddhhmm) sort.

2. **Element Names and Definitions:**

<u>Element Name</u>	<u>Length</u>
Observation taken:	
Year	4
Month	2
Day	2
Hour	2
Minute	2
filler (space)	1
Site ID	3
filler (space)	1
Ob Type (always SCD)	3
filler (space)	1
Ob time:	
Hour	2
Minute	2
filler (space)	1
24hr Max Temp	4
24hr Min Temp	4
24hr Precip	4
Cloud Cover & Type	6
Duration of Sunshine	3
Depth of New Snow	3
Depth of Snow on Ground	3
Water Equiv of Snow on Ground	3
Tide	5
Present Weather	25
filler (space)	1
Transmitting	
Node	4
Day	2
Hour	2
Minute	2

3. **Start Date:** 20000101

4. **Stop Date:** Ongoing

5. **Coverage:** USA including Alaska and Hawaii

- a. Southernmost Latitude: 19N
- b. Northernmost Latitude: 68N

:  
:  
:

- c. Westernmost Longitude: 170W
- d. Easternmost Longitude: 60W

**6. How to Order Data:**

Ask NCDC's Climate Services about the costs of obtaining this data set.  
Phone: 828-271-4800  
FAX: 828-271-4876  
e-mail: [NCDC.Orders@noaa.gov](mailto:NCDC.Orders@noaa.gov)

**7. Archiving Data Center:**

National Climatic Data Center  
Federal Building  
151 Patton Ave.  
Asheville, NC 28801-5001

**8. Technical Contact:**

National Climatic Data Center  
Federal Building  
151 Patton Ave.  
Asheville, NC 28801-5001

**9. Known Uncorrected Problems:** No information provided with original documentation.

**10. Quality Statement:** No QC is performed on this data.

**11. Essential Companion Datasets:** None.

**12. References:** None provided with original documentation.